

Thermal Engineering for the Beagle 2 Mars Lander Surface Operations

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Beagle 2 was a mission to place a scientific Lander on Mars to search specifically for evidence of past or present life and to conduct geochemical and environmental investigations. It was launched aboard the European Space Agency's Mars Express in June 2003 and was scheduled to land in the Isidis Planitia region of Mars in late December 2003.

The Rutherford Appleton Laboratory was responsible for the thermal engineering of Beagle 2. This presentation will summarise the development and testing of the thermal control sub-system for the landed operations.